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October 18, 2001

Commissioner of Patents
Washington, DC 20231

APPLICANT: William G. Wilhelm
SERIAL NO.: 08/820,496 (CPA)
FILING DATE: March 19, 1997
GROUP ART UNIT: 2836
EXAMINER: Fritz Fleming
TITLE: HIGH EFFICIENCY LIGHTING SYSTEM
OFFICE ACTION: 10/11/01

Dear Sir:

Enclosed please find Response to Restriction Requirement.

Please acknowledge receipt on the enclosed postcard.

Respectfully yours,

Alfred M. Walker
Alfred M. Walker
Reg. No. 29,983

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I certify that this correspondence is being deposited with the United States Postal Service as Express Mail No.: EL35034734305 in an envelope addressed to the Commissioner of Patents, Washington, D.C. 20231 on the date indicated below.

Date: October 18, 2001

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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FILED: 3/19/97
FOR: HIGH EFFICIENCY LIGHTING SYSTEM
EXAMINER: Fritz Fleming
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Hon. Commissioner of Patents
Washington, D.C. 20231

RESPONSE TO RESTRICTION REQUIREMENT

Dear Sir:

In response to the Examiner's restriction requirement noted above, Applicant hereby elects to restrict the pending application to the invention noted in Group I, namely as described in Claims 49-54 and 56.

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Please cancel claims 115 and 116.

A clean copy of Claims 49-54 and 56 is as follows:

49. A power sharing system comprising:
a primary source of AC;
an alternative primary source of DC;
a secondary source of DC;
a power controller capable of inputting power
simultaneously from said primary sources, said alternative
primary source of DC making a shared contribution of power

selected by said power controller, and delivering a constant voltage DC to at least one DC compatible load at an output of said power sharing system;

said power controller having means to convert inputted electrical power into a defined DC-regulated voltage to provide and manage power to said DC compatible load; and,

said secondary source of DC being a battery to supply power in the event of a failure in a primary source of power, said power controller maintaining said battery in a fully charged condition.

50. The power system of Claim 49 wherein said DC compatible load is a lighting system.

51. The power system of Claim 49 wherein said alternative primary source of DC is a storage medium.

52. The power system of Claim 49 wherein said alternative primary source of DC photo voltaic.

53. The power system of Claim 49 wherein said alternative primary source of DC is a cogenerator.

54. The power system of Claim 49 wherein said

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alternative primary source of DC is a wind energy conversion system.

56. The power system as in Claim 49 in which said power controller has circuitry for combining power from said alternative primary source of DC and said battery in the absence of power from said primary source of AC.

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